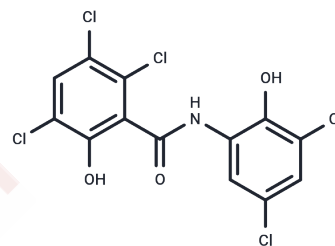


Oxyclozanide

Chemical Properties

CAS No. :	2277-92-1
Formula:	C ₁₃ H ₆ Cl ₅ NO ₃
Molecular Weight:	401.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Oxyclozanide (Oxyclozanid) is a salicylanilide anthelmintic used in grazing animals for fasciola and cestode infestations.
Targets(IC50)	Antibiotic,Parasite

Solubility Information

Solubility	DMSO: 50 mg/mL (124.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4909 mL	12.4545 mL	24.9091 mL
5 mM	0.4982 mL	2.4909 mL	4.9818 mL
10 mM	0.2491 mL	1.2455 mL	2.4909 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Sanabria R., et al. Efficacy of oxyclozanide against adult Paramphistomum leydeni in naturally infected sheep. Vet Parasitol. 2014 Dec 15;206(3-4):277-81.
- Jo K., et al. Determination of Oxyclozanide in Beef and Milk using High-Performance Liquid Chromatography System with UV Detector. Lab Anim Res. 2011 Mar;27(1):37-40.

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